

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	4	"2001003411"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 20:30
L3	2	kawatburu with shigehisa	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 20:31
S1	159	(313/613).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/15 09:59
S3	7	fransiscus with vermeulen	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/14 15:10
S4	6	johannes with geijtenbeek	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/14 15:11
S6	1	lamp and electronde	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/14 16:39
S7	82529	lamp and electrode	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/14 16:39
S8	1643	lamp and electrode and (gas with discharge with chamber)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/14 16:40
S9	169	lamp and electrode and (gas with discharge with chamber) and cap	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/14 17:07
S10	3	lamp and electrode and (gas adj discharge adj chamber) and cap	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/14 16:42

## EAST Search History

S11	4	lamp and electrode and (gas with discharge with chamber) and cap and (buld envelop)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/14 17:08
S12	18	lamp and electrode and (gas with discharge with chamber) and (buld envelop)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/14 17:09
S13	3	lamp and electrode and (gas with discharge with chamber) and (buld envelop) and salt	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/13 14:48
S15	76	(HID with lamp) and electrode and (gas discharge chamber) and salt	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/14 17:56
S16	1	(HID with lamp) and electrode and (gas discharge chamber) and (melted adj salt)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/14 17:57
S17	66	(HID with lamp) and electrode and (gas discharge chamber) and salt and halide	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/14 18:08
S18	32	(HID with lamp with halide) and electrode and (gas discharge chamber) and salt and halide	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 08:40
S19	1	(HID with lamp with halide) and electrode and (gas discharge chamber) and (melt\$3 with salt) and halide	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/14 18:09
S20	32	(HID with lamp with halide) and electrode and (gas discharge chamber) and salt and halide	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 08:41
S21	12	S20 and vertical	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 08:41
S22	8	S20 and vertical and ratio	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 09:52
S23	7	S20 and vertical and ratio and aspect	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 09:37

## EAST Search History

S24	3	S20 and vertical and (aspect adj ratio)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 09:37
S25	159	(313/613).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/15 09:59
S26	48	S25 and @ad<"20020116"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 10:04
S27	97812	(gas discharge hid metal halide) with lamp	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 10:05
S28	53589	(gas discharge hid metal halide) adj lamp	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 10:05
S29	13824	(gas discharge hid metal halide) adj lamp and (chamber space envelop)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 10:05
S30	3804	(gas discharge hid metal halide) adj lamp and (chamber space envelop) and vertical	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 10:06
S31	417	(gas discharge hid metal halide) adj lamp and (chamber space envelop) and vertical and salt	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 10:06
S32	276	(gas discharge hid metal halide) adj lamp and (chamber space envelop) and vertical and salt and electrode	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 10:06
S33	198	(gas discharge hid metal halide) adj lamp and (chamber space envelop) and vertical and salt and electrode and arc	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 12:43
S34	18	(gas discharge hid metal halide) adj lamp and (chamber space envelop) and vertical and salt and electrode and arc and (aspect adj ratio)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 10:07
S35	185	(gas discharge hid metal halide) adj lamp and (chamber space envelop) and vertical and salt and electrode and arc and heat	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 12:44

## EAST Search History

S36	176	(gas discharge hid metal halide) adj lamp and (chamber space envelop) and vertical and salt and electrode and arc and heat and (lesser greater top bottom)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 12:55
S37	176	(gas discharge hid metal halide) adj lamp and (chamber space envelop) and vertical and salt and electrode and arc and heat and (lesser greater top bottom) and vertical	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 12:56
S38	185	(gas discharge hid metal halide) adj lamp and (chamber space envelop) and vertical and salt and electrode and arc and heat and (lesser greater top bottom lower upper) and vertical	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/11/15 13:00
S39	8972	gas near2 discharge near2 lamp	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 20:59
S40	8972	(gas near2 discharge near2 lamp)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:02
S41	3	(gas near2 discharge near2 lamp)and hid and (wall with chamber)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:01
S42	150	(gas near2 discharge near2 lamp) and (wall with chamber)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:08
S43	3	"2001003411"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:17
S44	2	"5083059".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:18
S45	2	"4808876".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:19
S46	2	"6246170".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:23

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S47	974	(313/25).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/12 21:27
S48	488	(313/573).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/12 21:23
S49	830	(313/623).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/12 21:24
S50	1487	(313/634).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/12 21:24
S51	547	(313/635).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/12 21:24
S52	96	(313/640).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/12 21:24
S53	99	(313/641).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/12 21:25
S54	333	(313/567).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/12 21:26
S55	512	(313/607).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/12 21:26
S56	145	(313/600).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/12 21:26
S57	479	(313/558).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/12 21:26
S58	821	(313/631).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/12 21:27

## EAST Search History

S59	356	(313/632).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/12 21:27
S60	547	(313/635).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/12 21:27
S61	147	S47 and lamp and (gas near2 discharge)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:28
S62	34	S47 and lamp and (gas near2 discharge) and chamber	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:30
S63	30	S48 and lamp and (gas near2 discharge) and chamber	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:38
S64	22	S49 and lamp and (gas near2 discharge) and chamber	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:41
S65	70	S50 and lamp and (gas near2 discharge) and chamber	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:44
S66	15	S51 and lamp and (gas near2 discharge) and chamber	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:49
S67	4	S52 and lamp and (gas near2 discharge) and chamber	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:51
S68	4	S53 and lamp and (gas near2 discharge) and chamber	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:52
S69	6	S54 and lamp and (gas near2 discharge) and chamber	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:52
S70	32	S55 and lamp and (gas near2 discharge) and chamber	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:55

## EAST Search History

S71	1	S56 and lamp and (gas near2 discharge) and chamber	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:54
S72	3	S57 and lamp and (gas near2 discharge) and chamber	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:54
S73	19	S58 and lamp and (gas near2 discharge) and chamber	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:57
S74	8	S59 and lamp and (gas near2 discharge) and chamber	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:55
S75	15	S60 and lamp and (gas near2 discharge) and chamber	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/12 21:58
S79	2	"20050082985"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/13 14:39
S80	409	(313/234).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/01/13 16:38
S81	122	S80 and electrode near4 (exte\$3 out\$2)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/13 20:58
S83	2	"4808876".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/18 16:31
S84	2	"20010003411"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/05/11 16:50
S85	1	"20010003411" and ((Metal adj halide) with lamp)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/05/11 17:23
S86	2	"5083059".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/05/11 17:03

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S87	2	"4808876".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/05/11 17:04
S88	3	((Metal adj halide) with lamp) and (salt adj pool) and vertical	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/05/11 17:25
S89	15185	(metal adj halide) with (sodium salt lithium iodide cerium thrium scandium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 17:01
S90	4785	(metal adj halide) near (sodium salt lithium iodide cerium thrium scandium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 17:01
S91	9920	(metal adj halide) near4 (sodium salt lithium iodide cerium thrium scandium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 17:01
S92	7118	(metal adj halide) near2 (sodium salt lithium iodide cerium thrium scandium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 17:02
S93	4785	(metal adj halide) near1 (sodium salt lithium iodide cerium thrium scandium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 17:02
S95	17	((metal adj halide) near1 (sodium salt lithium iodide cerium thrium scandium)) and (vertical adj orientation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 17:08

## EAST Search History

S96	9	((metal adj halide) near1 (sodium salt lithium iodide cerium thrium scandium)) and (vertical adj orientation) and salt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 19:01
S97	2	"20010003411"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 19:05
S99	487	313/637.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 19:06
S100	166	313/637.ccls. and (sodium salt lithium iodide cerium thrium scandium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 19:06
S101	31	313/552.ccls. and (sodium salt lithium iodide cerium thrium scandium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 19:07
S102	1	(313/552.ccls. and (sodium salt lithium iodide cerium thrium scandium)) and (metal adj halide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 19:08
S103	112	(313/637.ccls. and (sodium salt lithium iodide cerium thrium scandium)) and (metal adj halide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 19:08

## EAST Search History

S10 5	3	((313/637.ccls. and (sodium salt lithium iodide cerium thrium scandium)) and (metal adj halide)) and (vertical adj orientation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 19:10
S10 6	3	313/637.ccls. and ((sodium salt lithium iodide cerium thrium scandium) with top) and (metal adj halide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 20:28